

The first state than other state of the first state of the state of th

FIG. 2

FIG. 3

235 /

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255

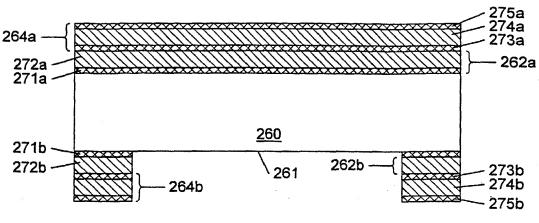


FIG. 4A

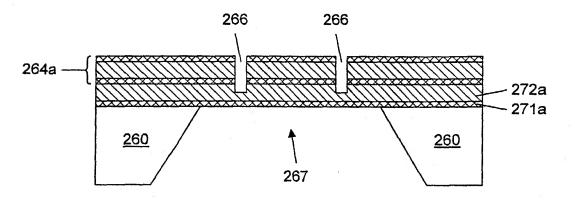


FIG. 4B

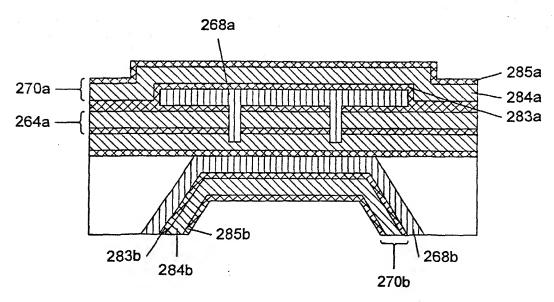


FIG. 4C

The first point from the course of the cours

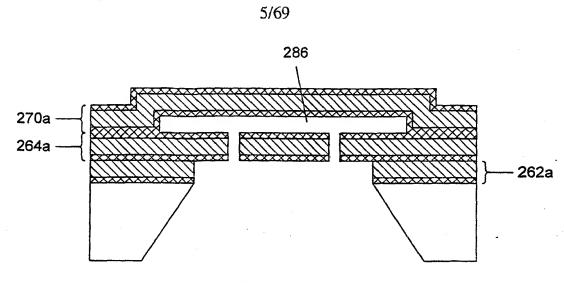


FIG. 4D

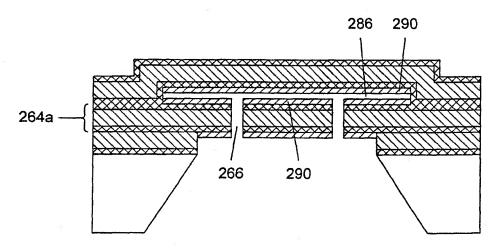


FIG. 4E

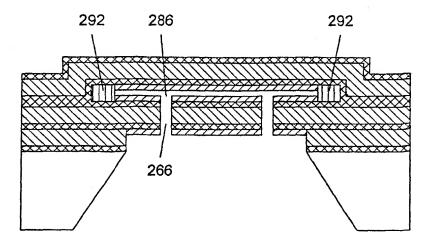
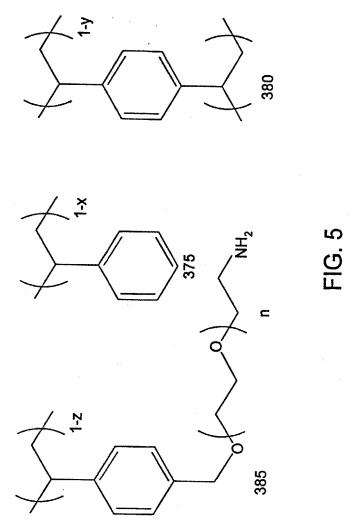


FIG. 4F

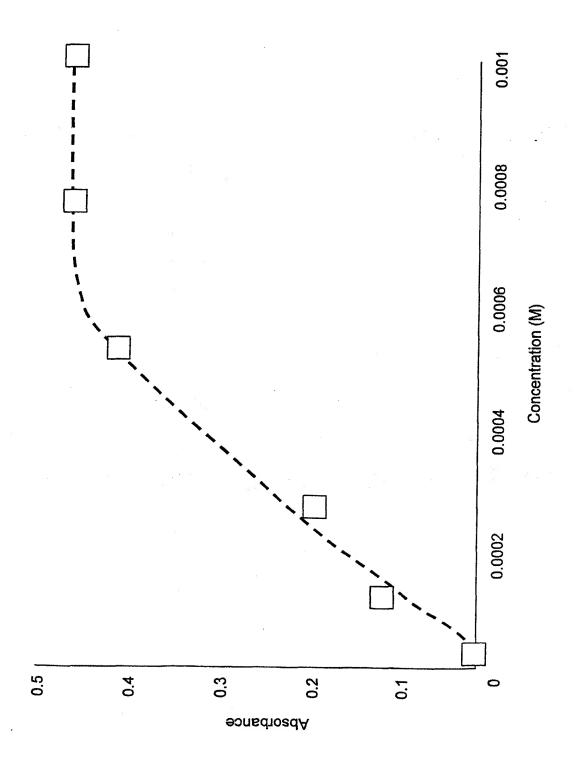


_ co__

o-cresolphthalein complexone

5-carboxy fluorescein

FIG. 6



The land for the first f

FIG. 7

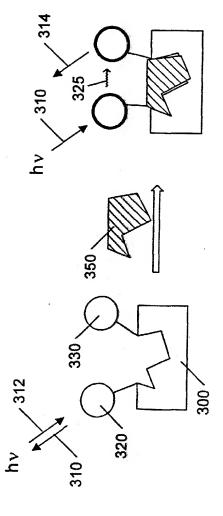


FIG. 8

FIG. 9

Peptides

Nucleotides

$$\begin{array}{c|c} H_2N-R_2-NHtBOC \\ \hline 420 \\ \hline \end{array}$$

$$\begin{array}{c} \xrightarrow{\text{H}_2\text{N}-\text{R}_3-\text{NHtBOC}} \\ \xrightarrow{\text{Pl}_1} \\ \xrightarrow{\text{N}} \\ \xrightarrow{\text$$

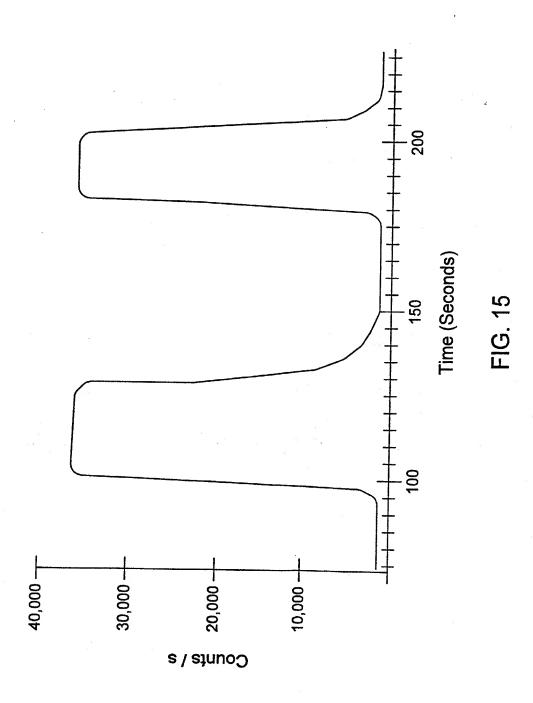
FIG. 11

FIG. 12

The lives again given again given in the case of the given given of the given given and the case of the given give

FIG. 13

FIG. 14



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RESIN:		Blank	Alizarin	o-Cresol-	Fluorescein	Alizarin-Ce ³⁺
pH	lon	- Journa	AllZatiff	phthalein	Fluorescein	complex
2	none	R G B	R G B	R G B	R G B Z	R G B
2	Ca ²⁺	R G B	R G B	R G B	R G B	R G B
7	none	R G B	R G	R G B	R G B	R G B
7	Ca ²⁺	R G B	R G B	R G B	ж (9 m	R G B
7	F -	R G B	R G B	R G B	R G S B	R G B
12	none	R G B	R G B	R G B	R G X B	R G B
12	Ca ²⁺	R G B	R G B	R G B	R G B	R G B
12	F -	R G B	R G B	R G B	R G B	R G B

FIG. 16

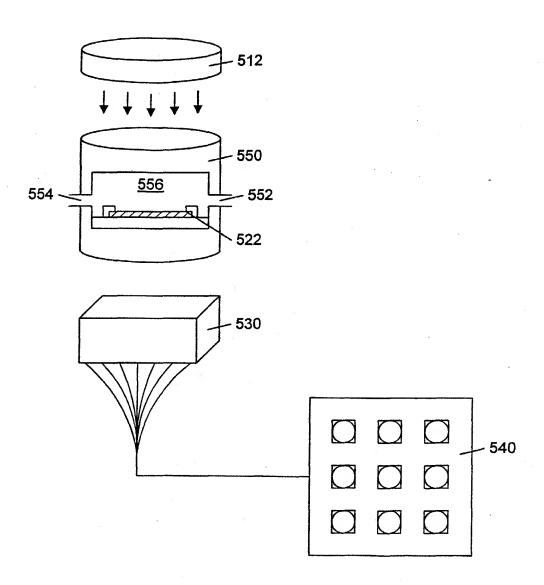


FIG. 17

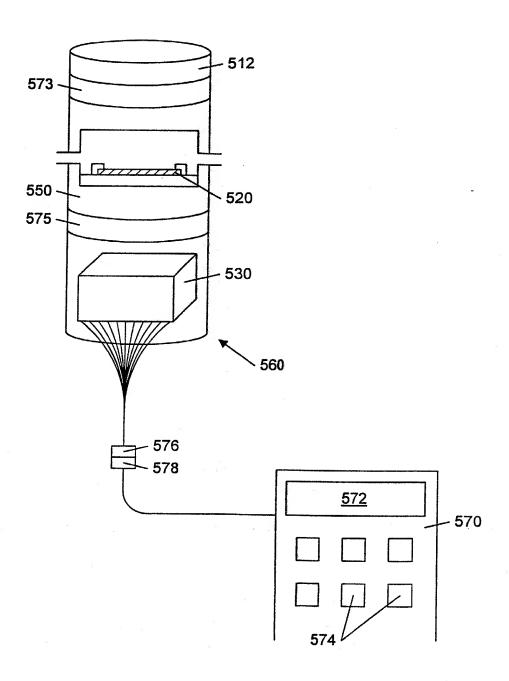
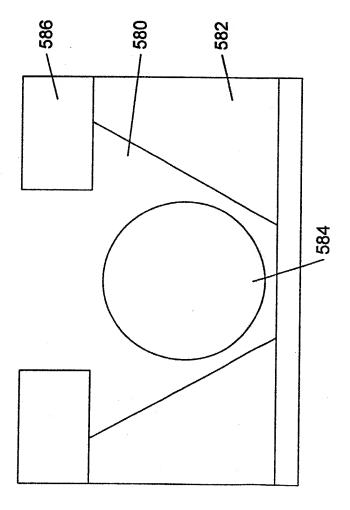
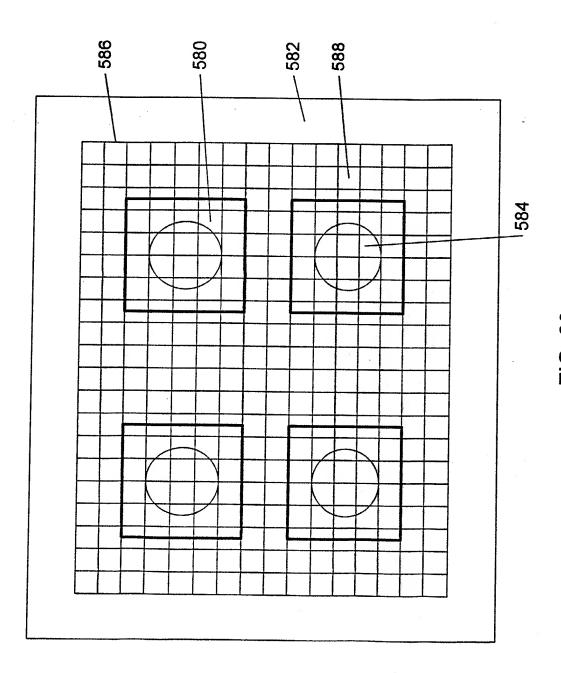


FIG. 18



-16. 19



·IG. 20

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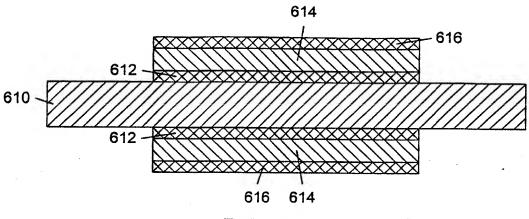


FIG. 21A

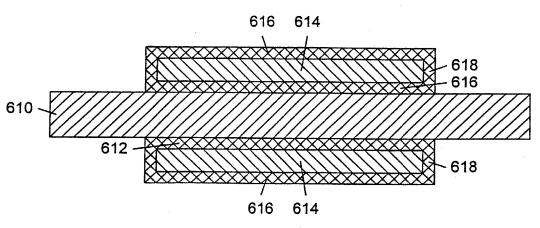


FIG. 21B

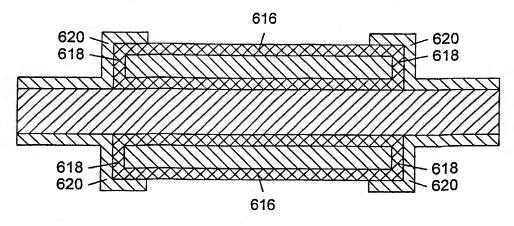


FIG. 21C

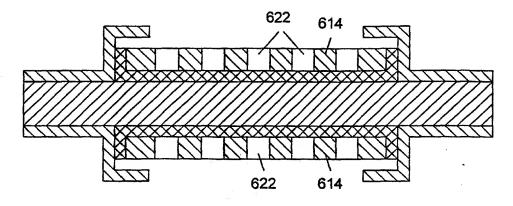
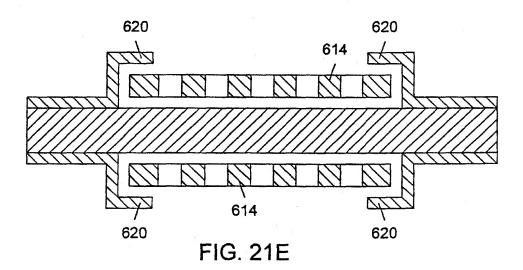


FIG. 21D



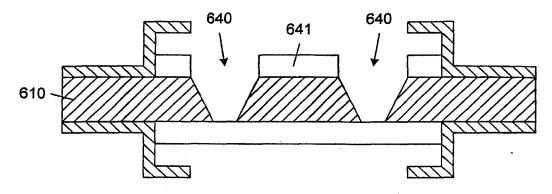


FIG. 21F

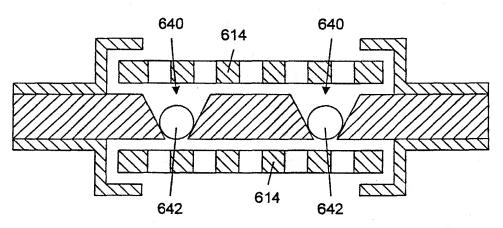
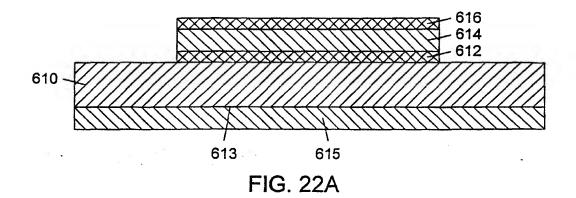


FIG. 21G



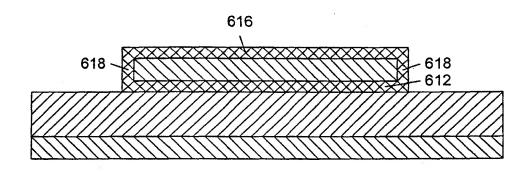


FIG. 22B

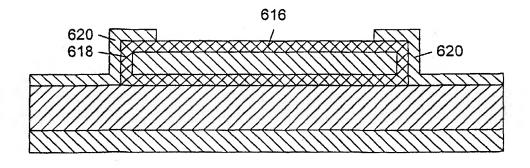


FIG. 22C

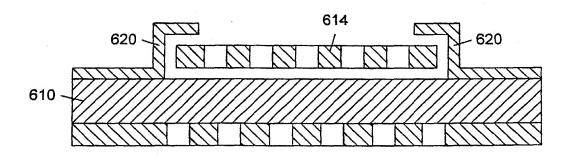


FIG. 22E

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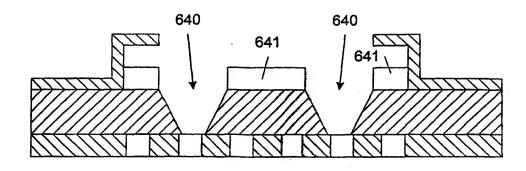


FIG. 22F

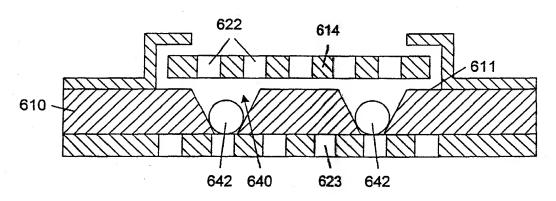


FIG. 22G

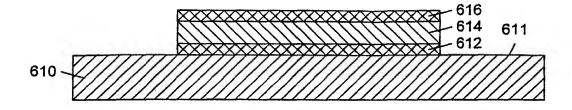


FIG. 23A

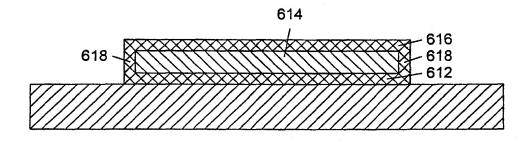


FIG. 23B

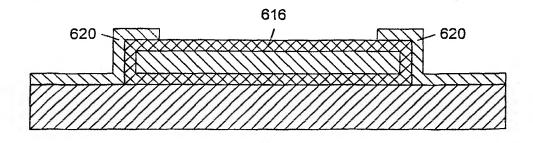


FIG. 23C

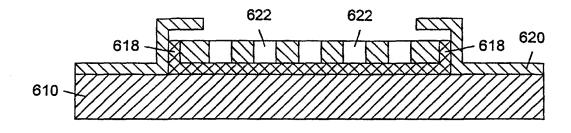


FIG. 23D

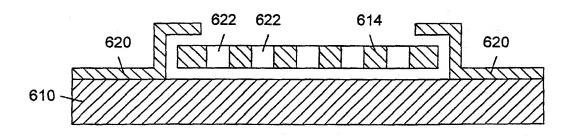


FIG. 23E

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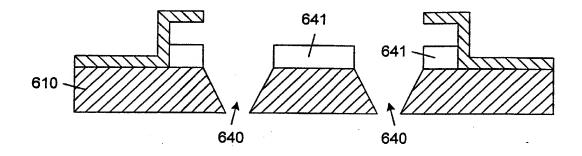


FIG. 23F

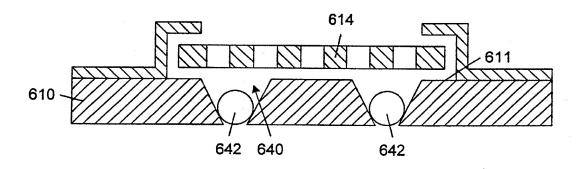
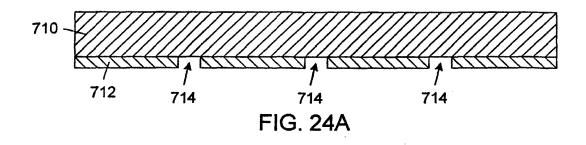


FIG. 23G



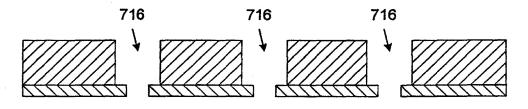


FIG. 24B

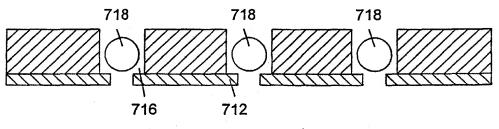


FIG. 24C

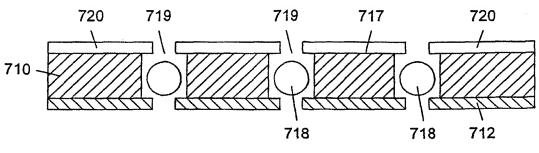
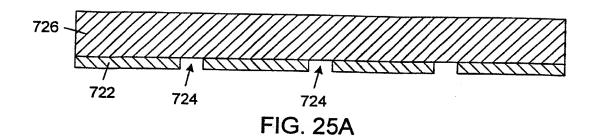


FIG. 24D



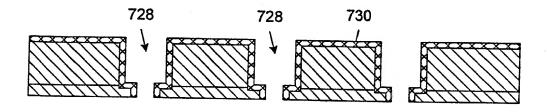
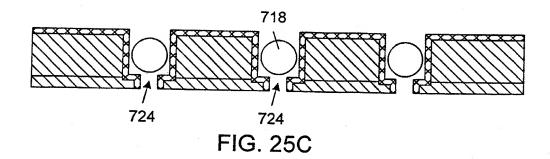


FIG. 25B



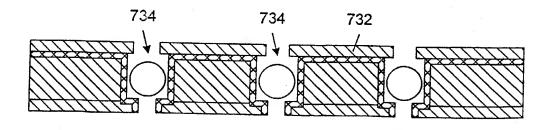
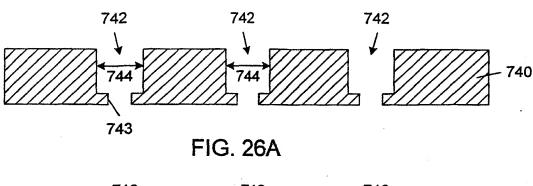


FIG. 25D

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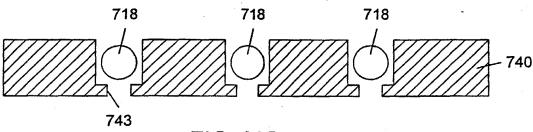


FIG. 26B

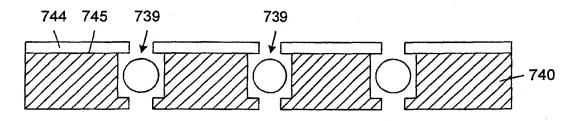
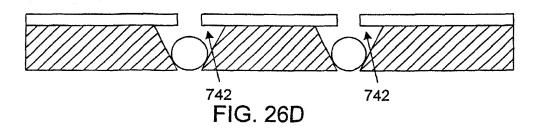


FIG. 26C



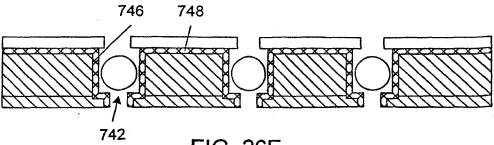


FIG. 26E

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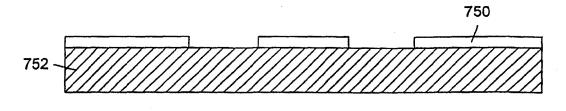


FIG. 27A

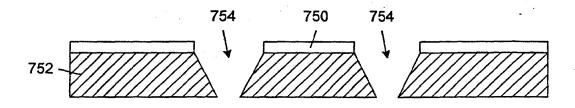


FIG. 27B

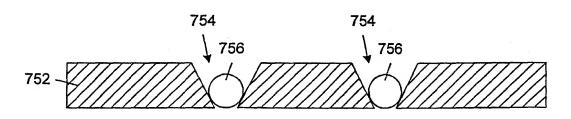


FIG. 27C

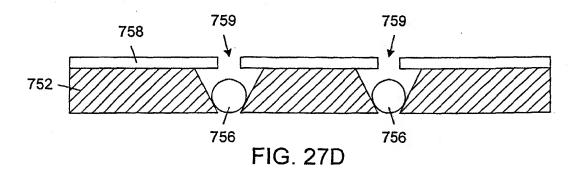


FIG. 28E

36/69 782 782 FIG. 29A 782 782 784 FIG. 29B 786 784 FIG. 29C 780 788 FIG. 29D

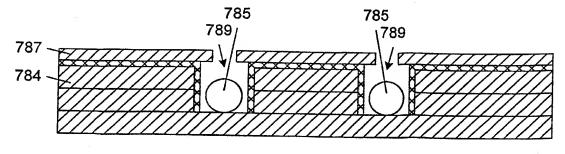
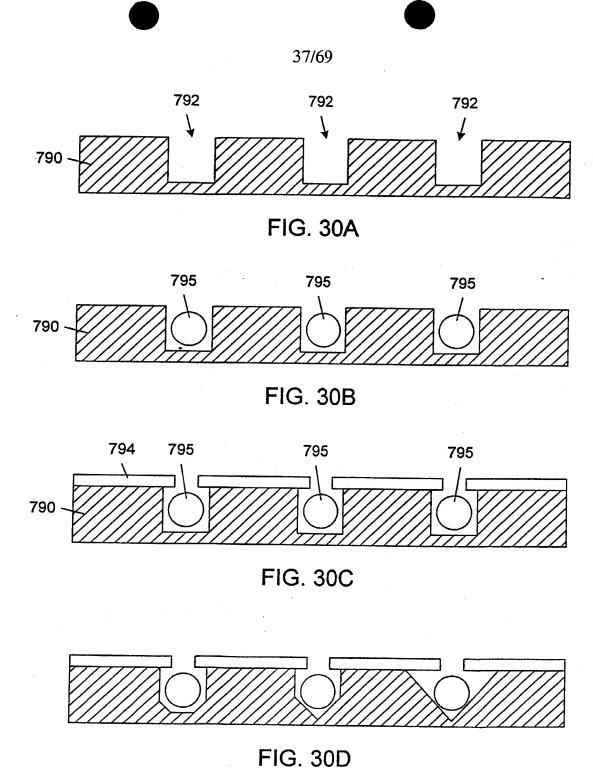


FIG. 29E

orel



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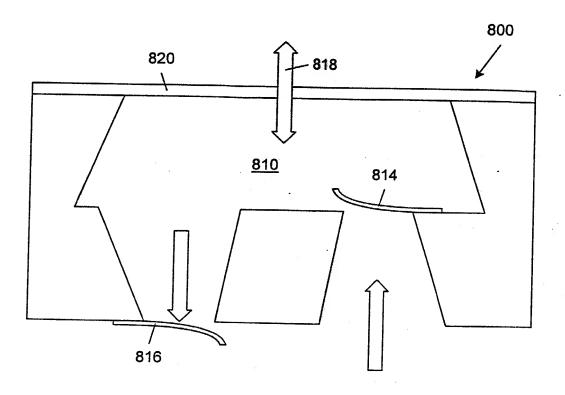


FIG. 31

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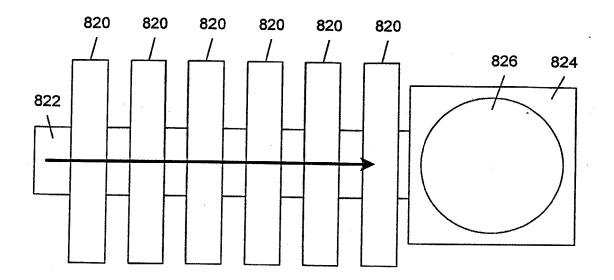


FIG. 32

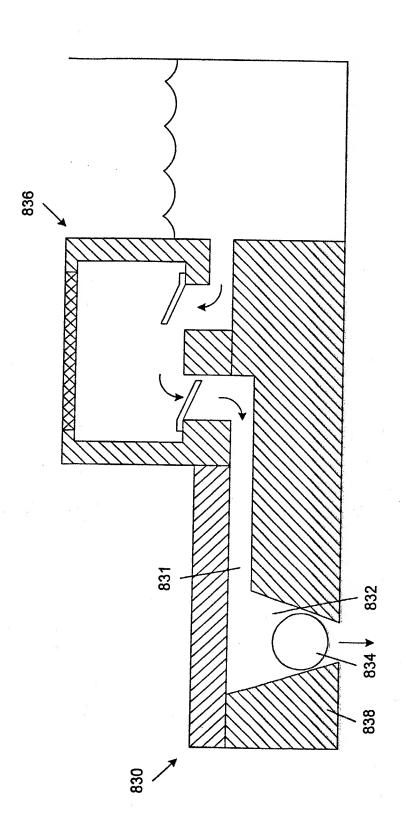


FIG. 33

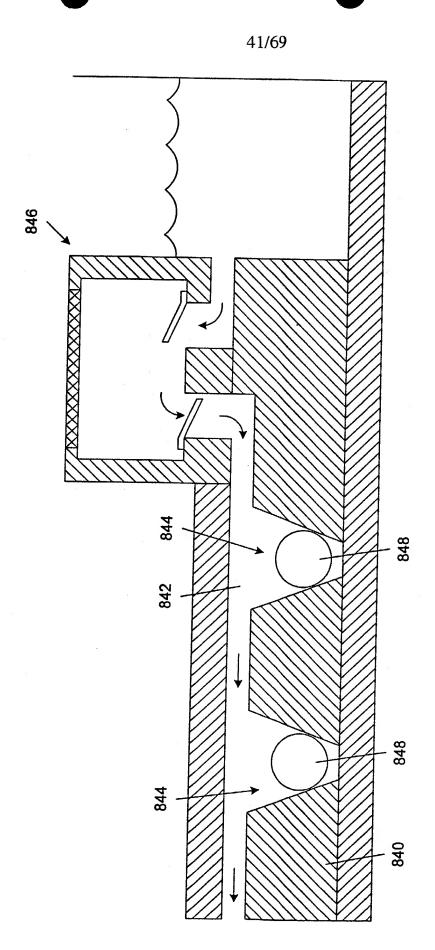


FIG. 32

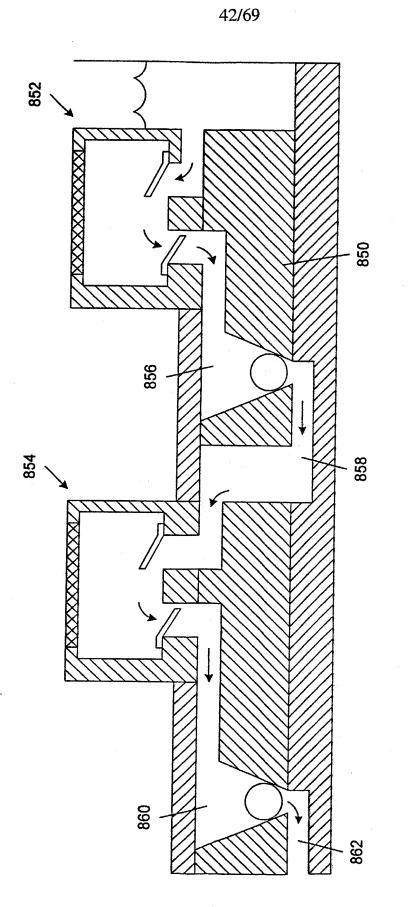


FIG. 35

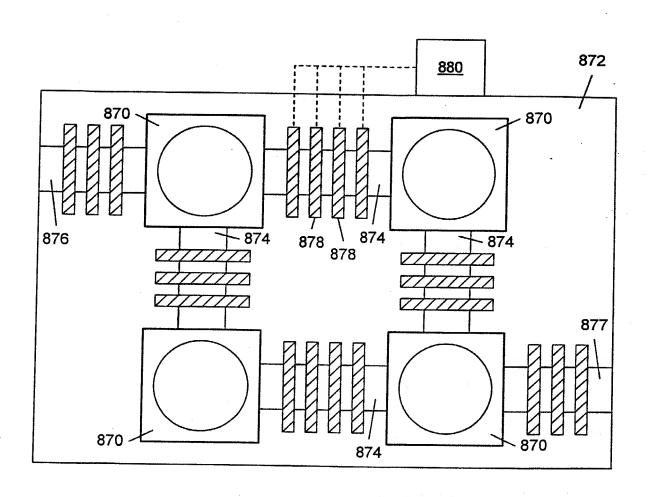
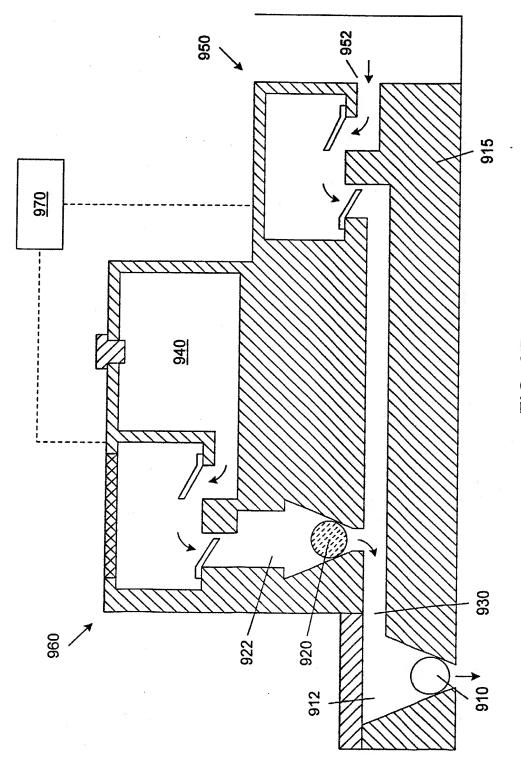
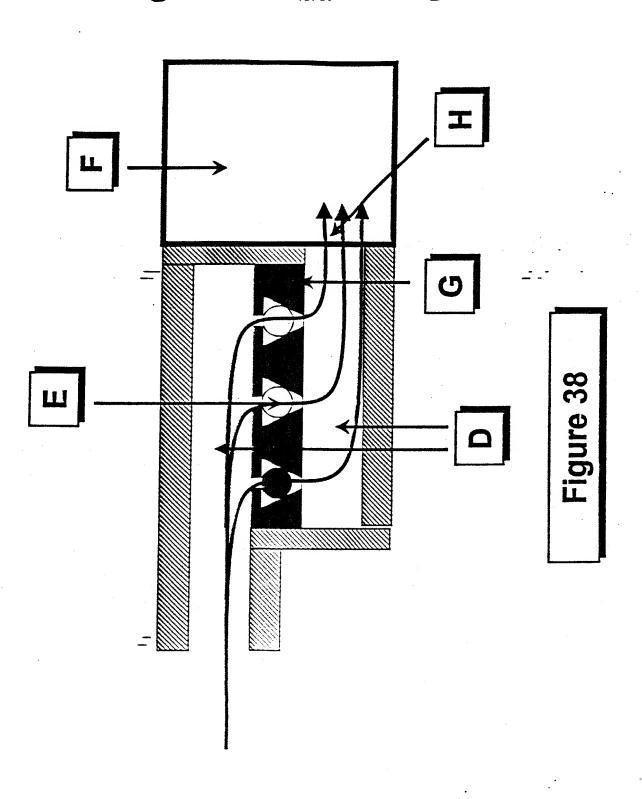
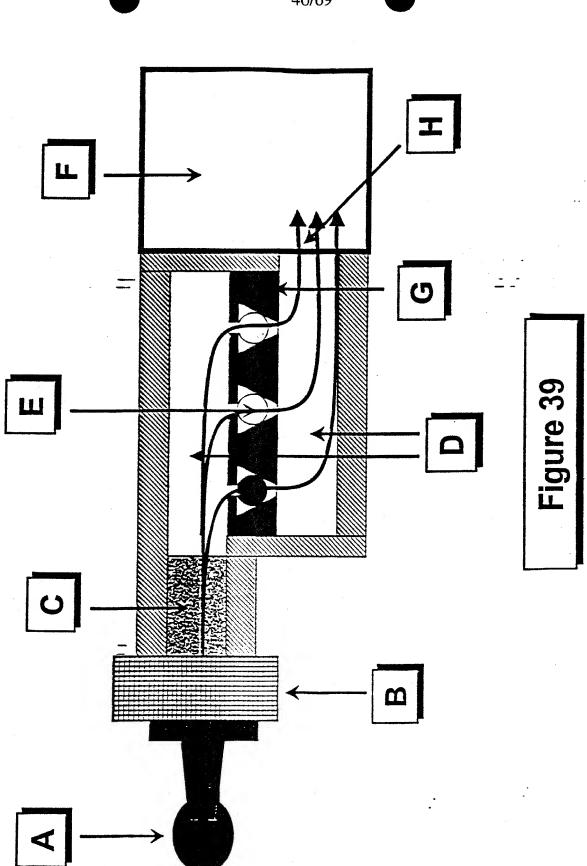


FIG. 36

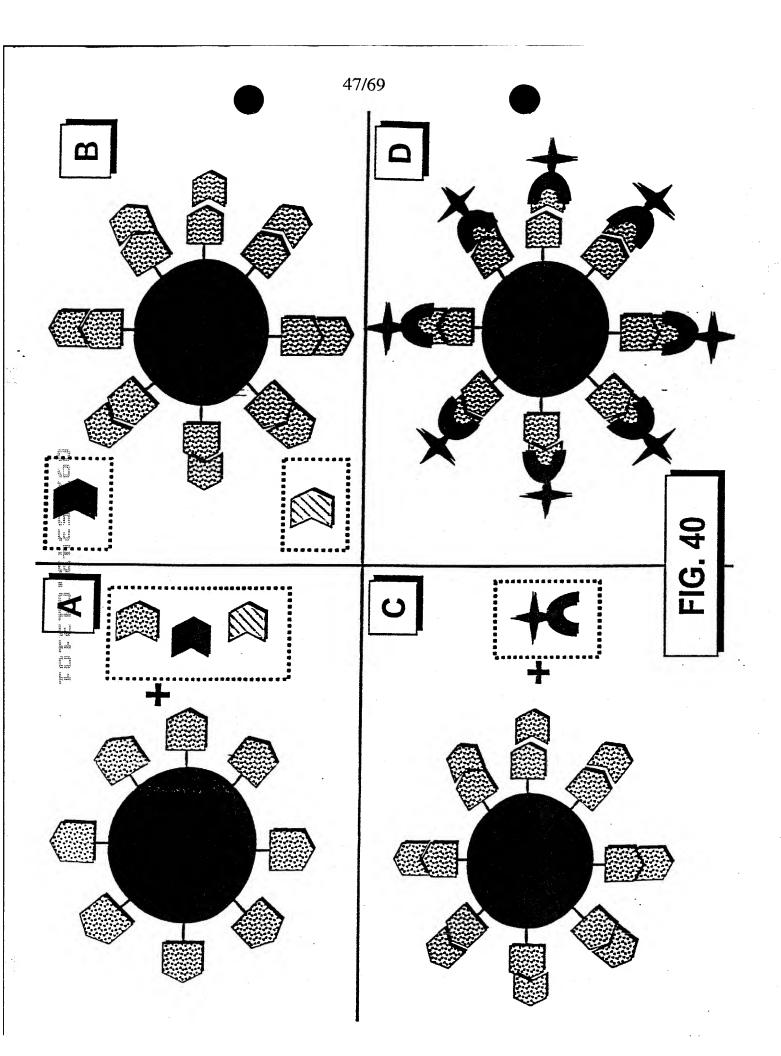


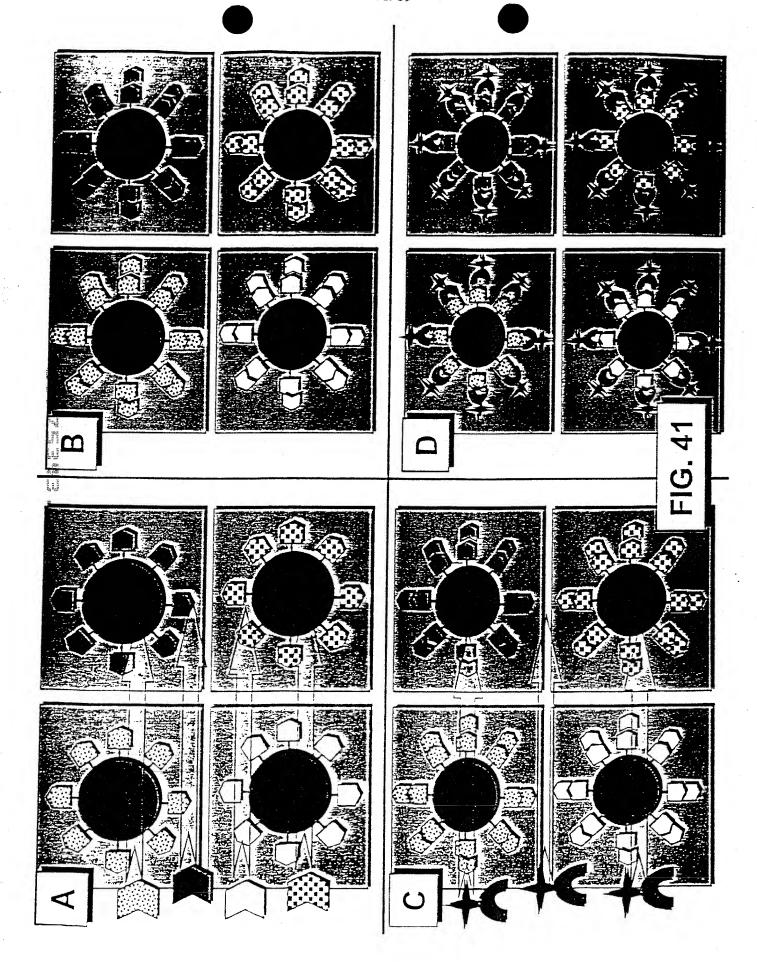
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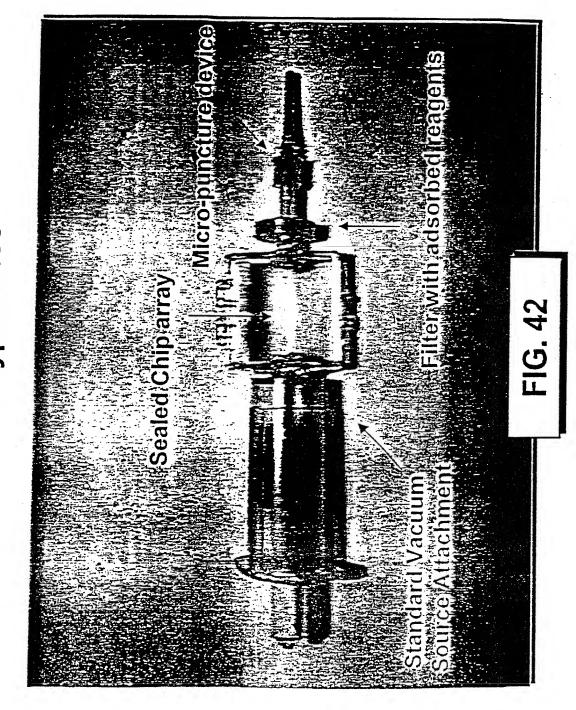


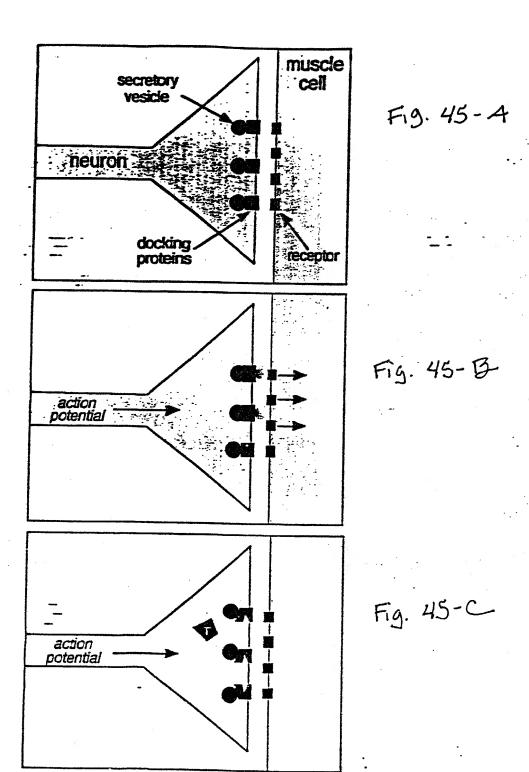
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Electronic Tongue Biological Sample Acquisition Prototype 6/2/99 The first with some of the second of the sec





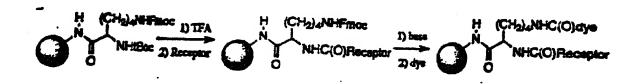
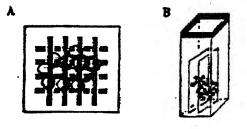


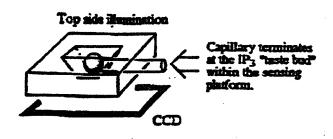
FIG. 45 D



F16.46

F16. 47

F16. 48



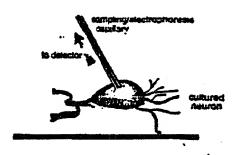
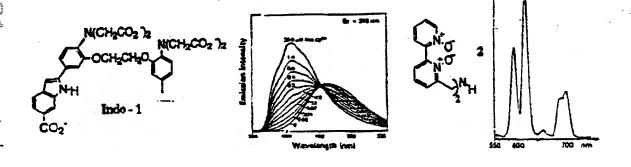


FIG. 49



F16.50

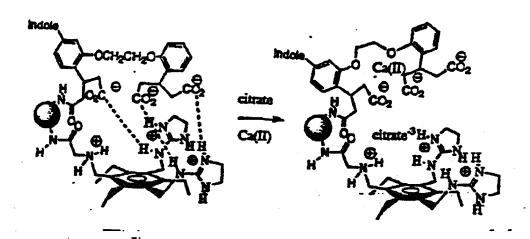
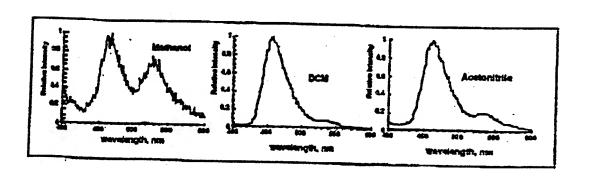
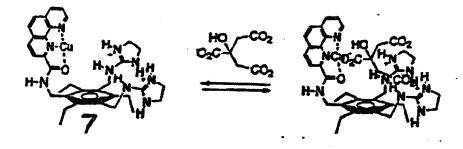


FIG. 51

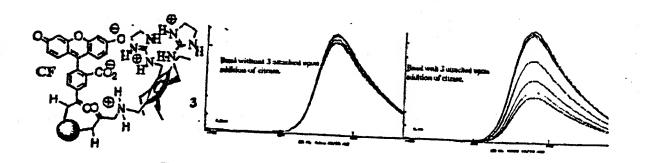


F16. 52





F16. 53



F16.54

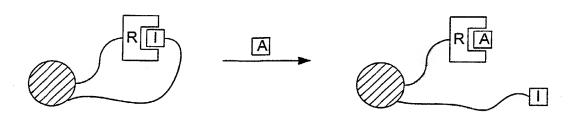
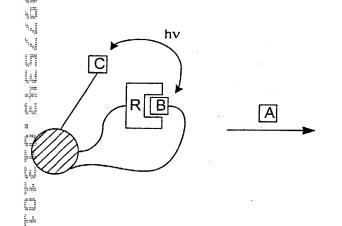


FIG. 55A



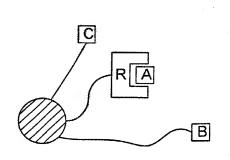
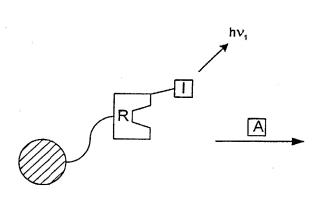


FIG. 55B



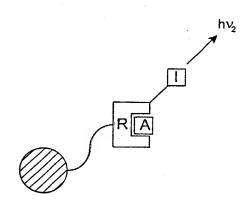
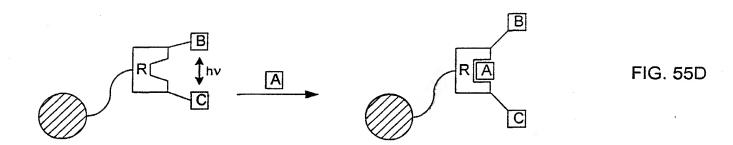
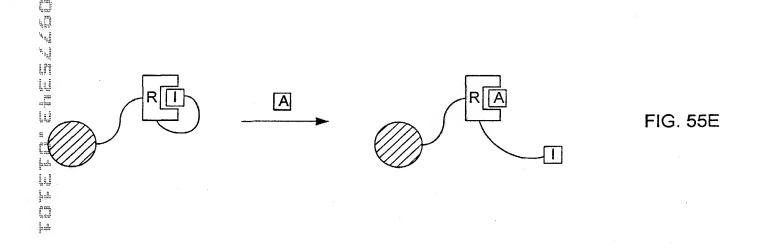
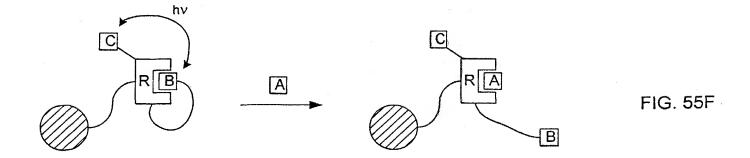


FIG. 55C







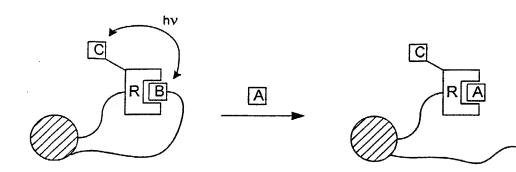
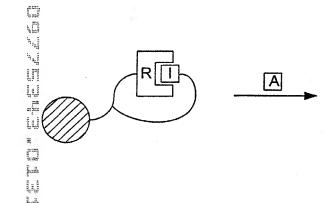


FIG. 55G

В



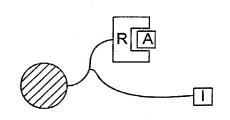
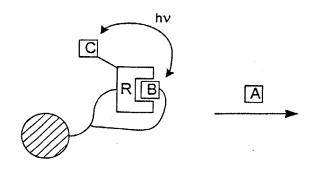


FIG. 55H



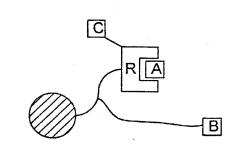


FIG. 551

Fluorescein

Trimer

H₃N

H₃N

H₄N

H₅N

H₇N

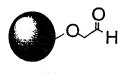
H₈N

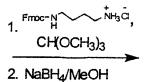
Resin

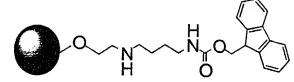
L

FIG. 56









6% agarose glyoxalated resin

20% piperdine/DMF

FIG. 57

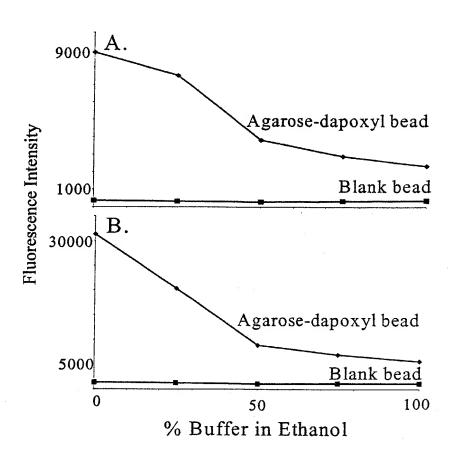


FIG. 58

FIG. 59

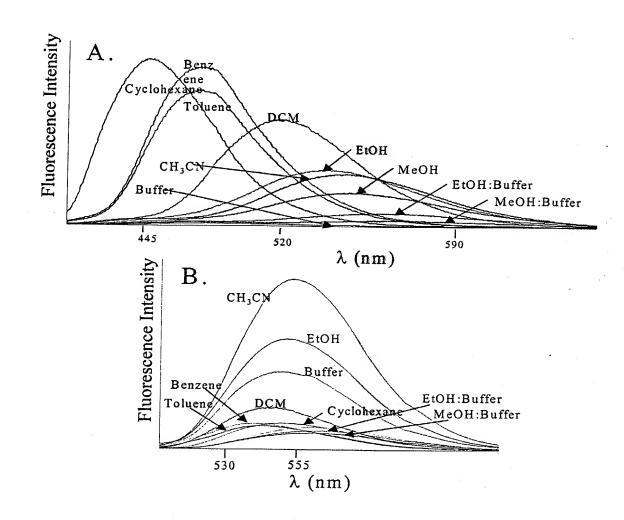
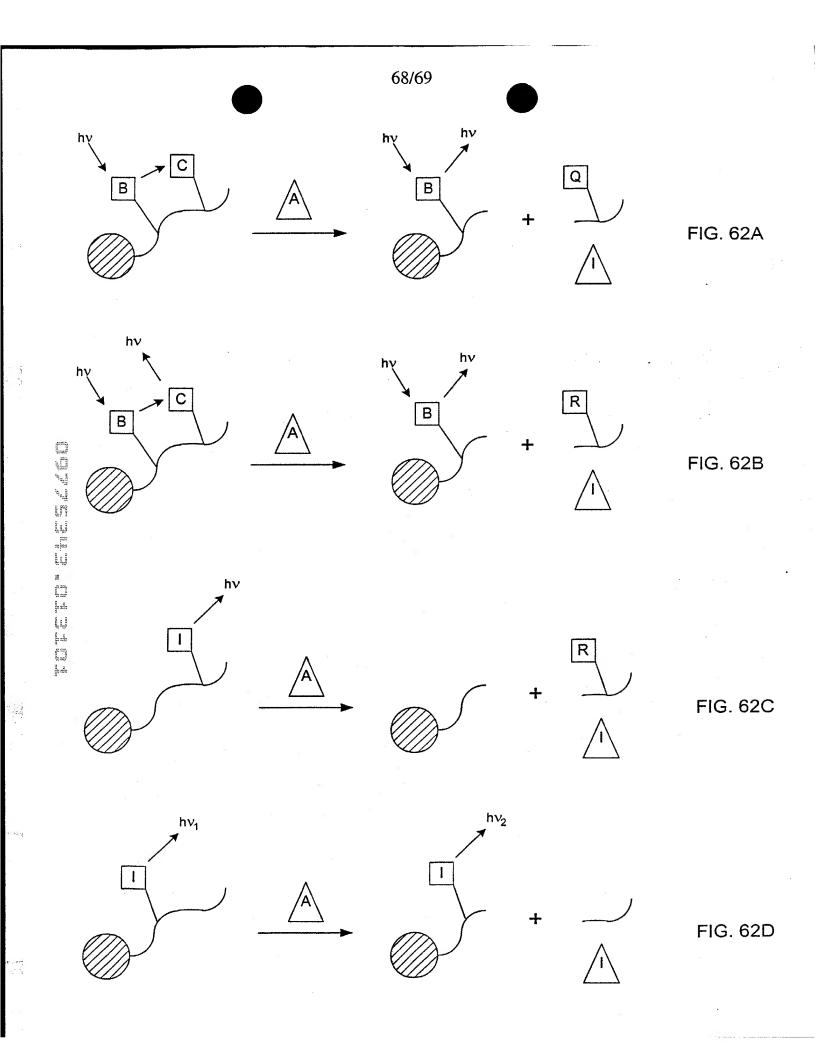


FIG. 60

2:
$$X_1 = X_2 = H$$

the control of the co

3:
$$X_1 = X_2 = 0$$
 $X_1 = X_2 = 0$
 $X_2 = 0$



The first from the first is then I for the thing in the first is the first in the f

FIG. 63

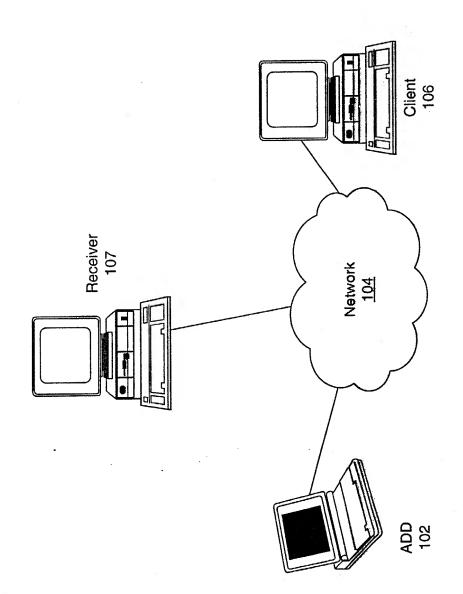


FIG. 🐲 64

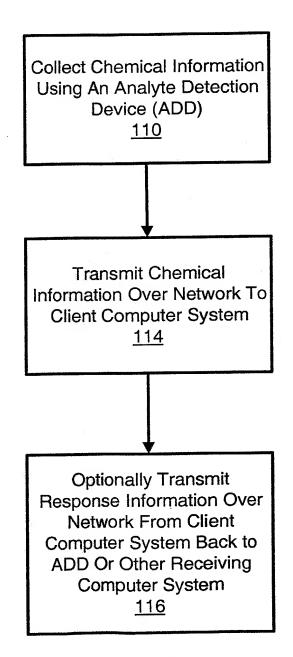


FIG. 588 65

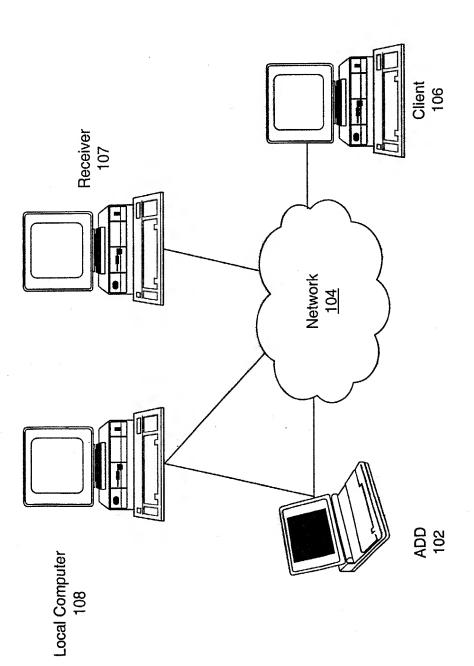


FIG. 🗱 66

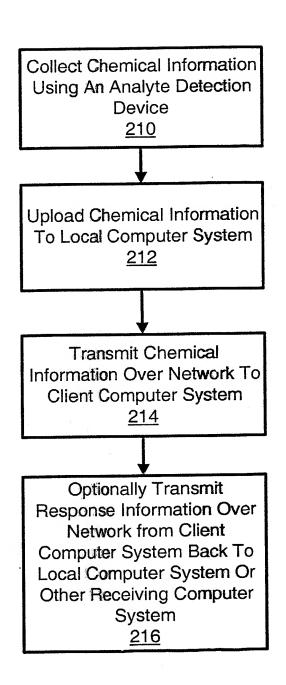


FIG. 67

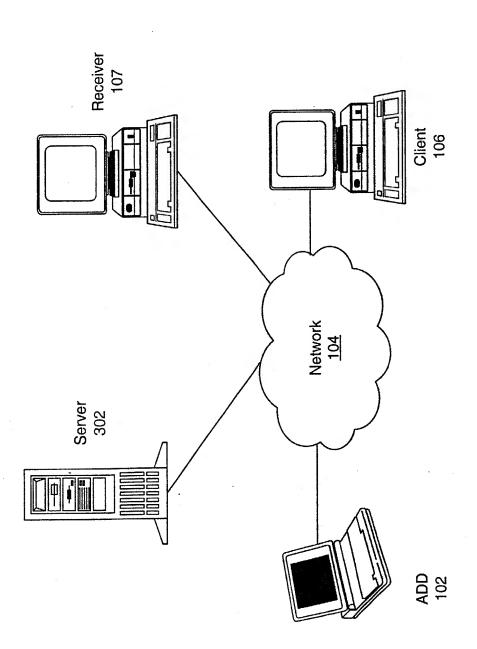


FIG. 1868

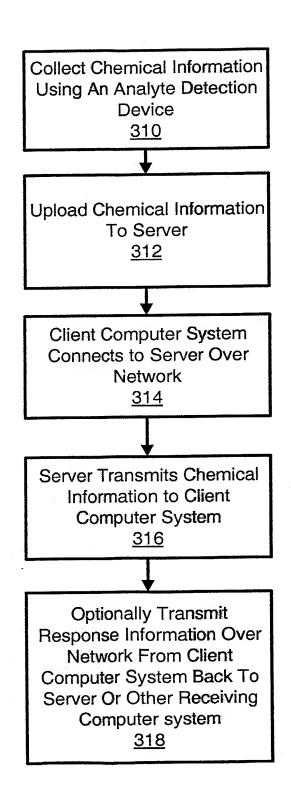


FIG. 69

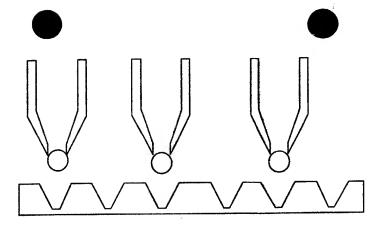


FIG. 504 704

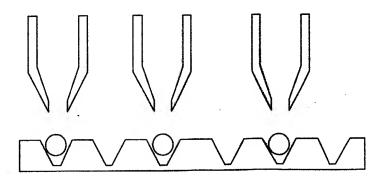


FIG. 578 70B

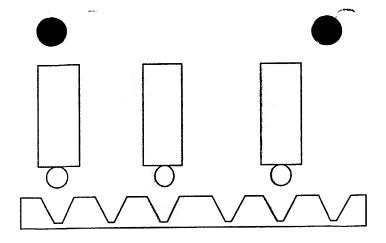


FIG. 58% 71A

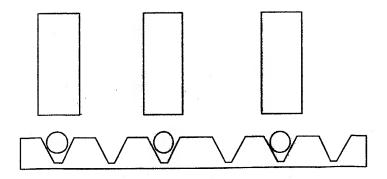


FIG. 500 713

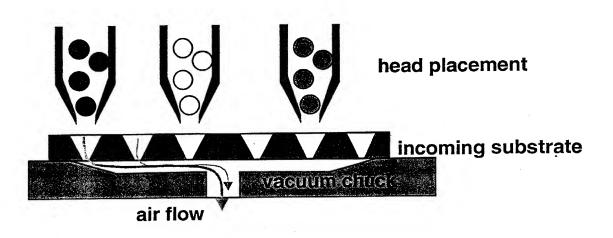


FIG. # 72 A

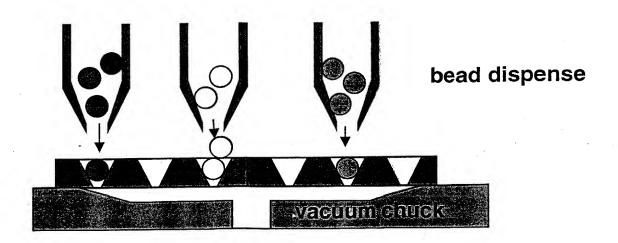


FIG. 🚧 723

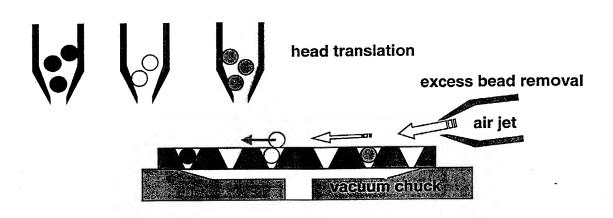


FIG. 592 72 C

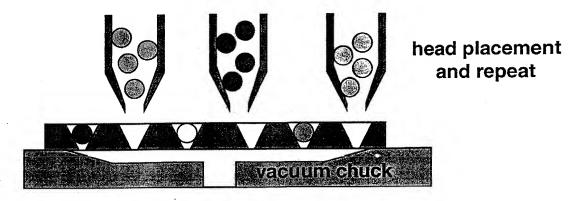
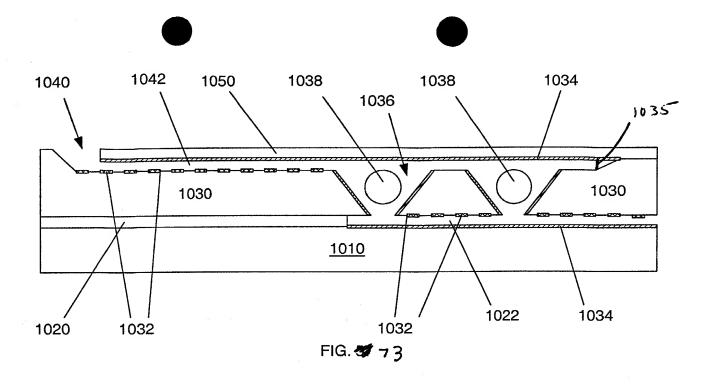
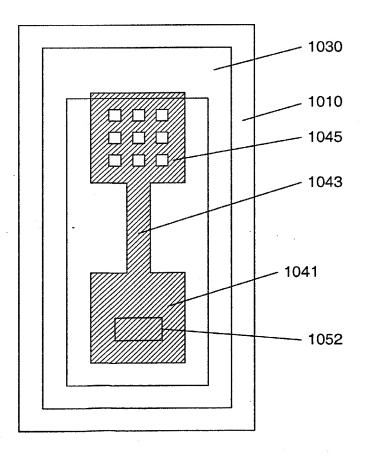


FIG. 890 729





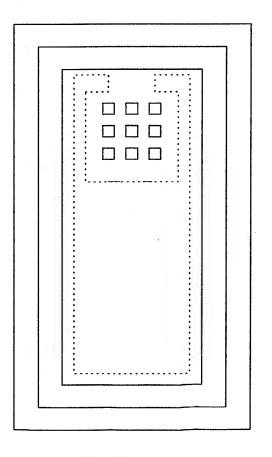
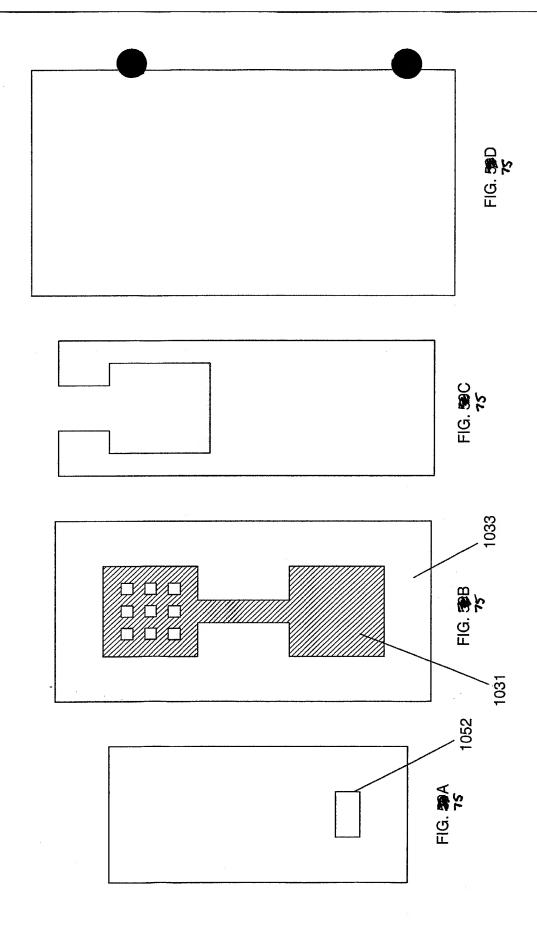


FIG. SA

FIG. 58B



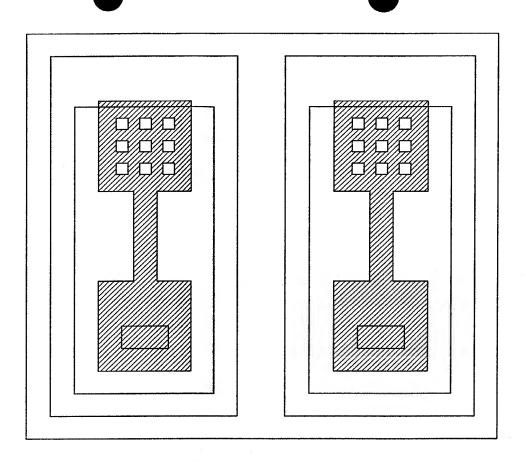


FIG. 🐲 76

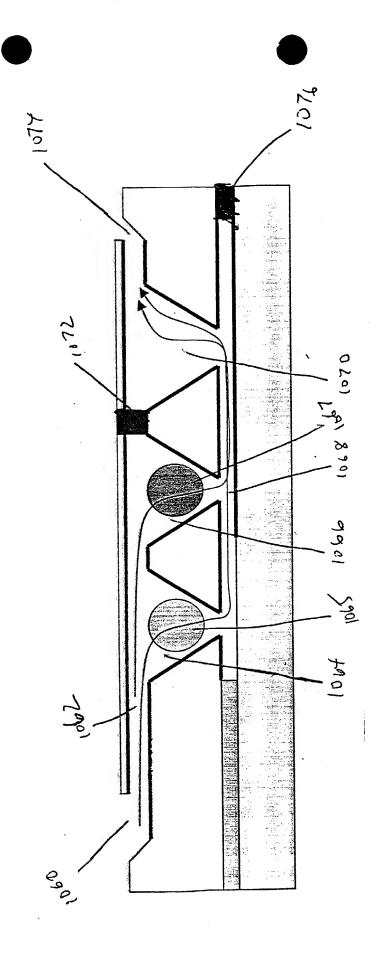
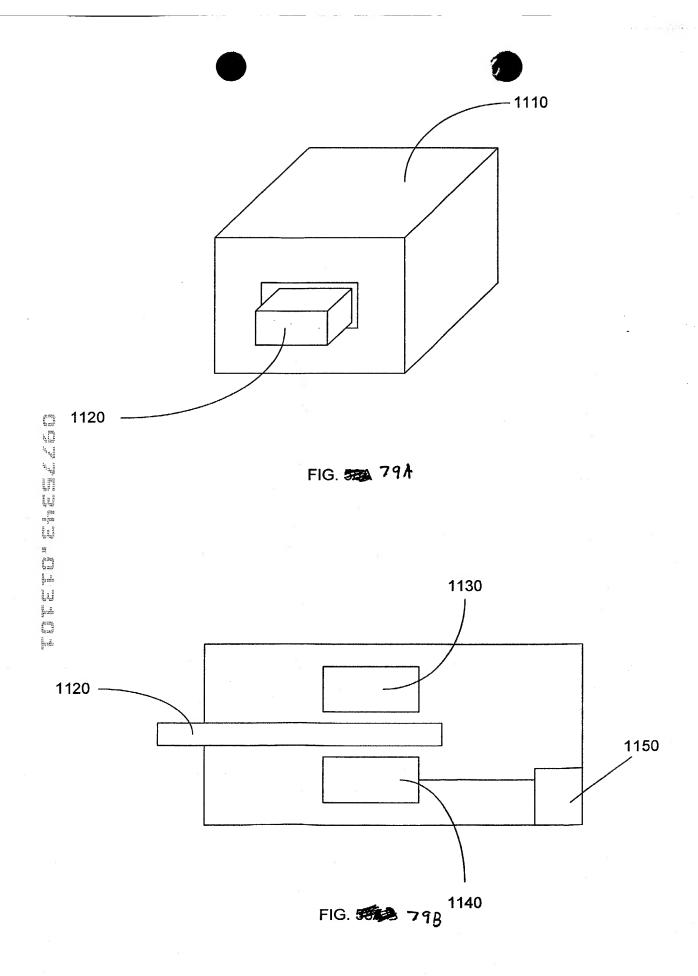
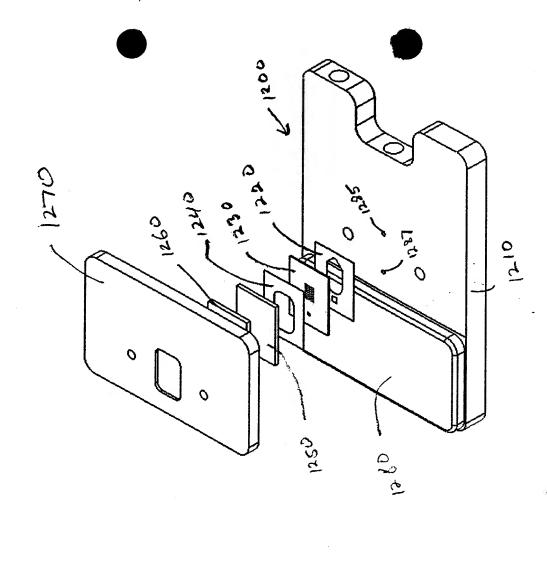
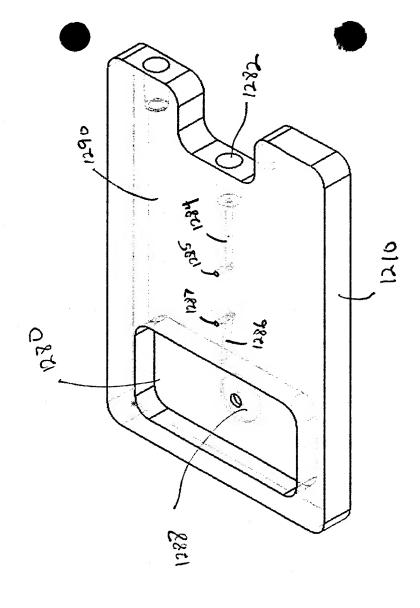


FIG. 77





08 713



F16,81

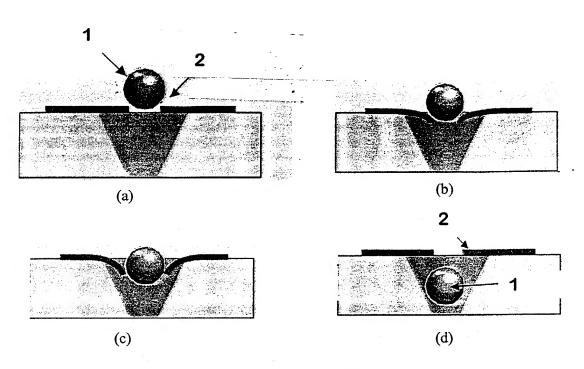


Figure \$ 82